

US EPA ARCHIVE DOCUMENT

IRB PERFORMANCE REVIEW

IN 1-22-82 OUT 3-19-82

PRODUCT INGREDIENT SOURCE INFORMATION IS NOT INCLUDED

FILE OR REG. NO. _____

PETITION, EXP. PERMIT, S. 18, 24c, NO. _____

DATE OF SUBMISSION 10-14-81

DATE DIVISION RECEIVED 10-20-81

TYPE PRODUCT(S): (I) D, H, F, N, R, S _____

DATA ACCESSION NO(S). Not Designated

PRODUCT MGR. NO. 17

PRODUCT NAME(S) Raid Indoor Fogger II

COMPANY NAME S. C. Johnson

SUBMISSION PURPOSE Registration

CHEMICAL & FORMULATION 0.54% Tetramethrin

0.40% Sumithrin

0.05% Pyrethrins

1.00% Piperonyl butoxide

1.67% XXXXXXXXXX N-octyl bicycloheptene dicarboximide

200.0 - Introduction- The submission contains data which was requested in the review of 3-12-81 of the original data submission of 12-5-80. This request was for testing for control of flying insects in a 6000 cu. ft. chamber to establish that the 8 ounce size of the formulation (pressurized) will be adequate for a room of that size.

201.0 - Data Summary- Testing was conducted in a 6000 cu. ft. chamber with the F58WT11 housefly strain. Five replicates with + 500 flies/replicate were tested. Results are summarized as follows.

Formulation	Dosage (gms./6000 cu. ft.)	Percent Knockdown			Percent Mortality	
		5 min.	10 min.	15 min.	24 hrs.	48 hrs.
Subject Formu- lation (Raid Indoor Fogger II)	224.98	73	99	100	100	100
Standard (Raid Auto- matic In- door Fogger)	225.98	70	99	100	100	100
Untreated Control	0.00	0	0	0	0	0

The subject formulation was comparable to the standard in knockdown and mortality.

202.0 - Conclusions- Test results indicate that 8 ounces of the subject formulation per 6000 cu. ft. will be adequate to fill a room that size sufficiently to control flying insects. Based on these data and the 1000 cu. ft. chamber data in the original submission of 12-5-80 (which was reviewed on 3-12-81) the proposed claims for the listed flying insects would be acceptable.

R. S. Van Oenburgh 3-19-82